

20031018.qrp v03_n077.qrl.20031018

Date: Sat, 18 Oct 2003 19:03:07 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3077

QRP-L Digest 3077

Topics covered in this issue include:

- 1) [159537] Re: SWR Question - Sidebar
by "Adam Vazquez" <adam.vazquez.kb2jpd@earthlink.net>
- 2) [159538] Re: Off to the fun at QRPacificon
by "Juan Ferrari" <puntrad@usa.net>
- 3) [159539] RE:%20Screwdriver%20tuned%20antenna
by "Adam Vazquez" <adam.vazquez.kb2jpd@earthlink.net>
- 4) [159540] How to select the right solder?
by ARDUJENSKI@aol.com
- 5) [159541] Re: SWR Question - Sidebar
by "George, W5YR" <w5yr@att.net>
- 6) [159542] RE: More on Restoring Receiver.
by Adam Farson <farson@shaw.ca>
- 7) [159543] Re: More on Restoring Receiver.
by John Somerville <forthman@shaw.ca>
- 8) [159544] Fw: SWR Question - Sidebar
by "George, W5YR" <w5yr@att.net>
- 9) [159545] Radios, tuners, feedlines, antenna
by Karl Larsen <k5di@zianet.com>
- 10) [159546] Re: How to select the right solder?
by grizzarv@mindspring.com
- 11) [159547] RE: More on Restoring Receiver.
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 12) [159548] Re: K-1 Antenna Connector - Coax and Connector
by "Mike Yetsko" <myetsko@insydesw.com>
- 13) [159549] Re: K-1 Antenna Connector - Coax and Connector
by "Mike Yetsko" <myetsko@insydesw.com>
- 14) [159550] Re: Radios, tuners, feedlines, antenna
by "George, W5YR" <w5yr@att.net>
- 15) [159551] RE: Have you had a prob with '817 pwr connector? =?ISO-8859-1?
Q?=CA?=
by "Paul Gerhardt" <pgerhardt@hotmail.com>
- 16) [159552] RE: More on Restoring Receiver.
by Adam Farson <farson@shaw.ca>
- 17) [159553] Cell Phone Conversion update
by "Mike Majority" <n4vbv@earthlink.net>
- 18) [159554] Re: More on Restoring Receiver.
by "George, W5YR" <w5yr@att.net>

- 19) [159555] RTTY down to lower 25KHz?
by "john_k7fd" <john_k7fd@cablespeed.com>
- 20) [159556] RE: RTTY down to lower 25KHz?
by Adam Farson <farson@shaw.ca>
- 21) [159557] Fists Coast to Coast contest results and wrap up
by "Paul Beringer" <fistsc2c@yahoo.com>
- 22) [159558] Elecraft Pacificon special
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 23) [159559] Re: More on Restoring Receiver.
by John Somerville <forthman@shaw.ca>
- 24) [159560] rtty in lower 25
by Joel M Denison <hamjoel@juno.com>
- 25) [159561] Power Supply
by "Francis Callahan" <colcal@srv.net>
- 26) [159562] [It's Taken] Tick-1 Chip urs for Stamps
by Chuck Carpenter <w5usj@9plus.net>
- 27) [159563] November, 2003, QST review of Icom IC-703 Plus...
by <bill@n4qa.com>
- 28) [159564] What Happened
by John Sielke <jsielke@pobox.com>
- 29) [159565] Re: What Happened?
by John Sielke <jsielke@pobox.com>
- 30) [159566] It looks like BPL is being offered in Manassas, VA
by "Bob Scott" <bobw4zy@comcast.net>
- 31) [159567] Re: November, 2003, QST review of Icom IC-703 Plus...
by Al Scanandoah <k2zn@rochester.rr.com>
- 32) [159568] Re: rtty *down to* lower 25
by "john_k7fd" <john_k7fd@cablespeed.com>
- 33) [159569] Re: What Happened?
by "john_k7fd" <john_k7fd@cablespeed.com>
- 34) [159570] Re: November, 2003, QST review of Icom IC-703 Plus...
by <jeff@ke9v.com>
- 35) [159571] Fists Coast to Coast contest and wrap up
by "Paul Beringer" <fistsc2c@yahoo.com>
- 36) [159572] camCorder battery adapter as seen in HOMEBREWER#1
by "lourette@frontiernet.net" <lourette@frontiernet.net>
- 37) [159573] Re: rtty *down to* lower 25
by "Bob Schreibmaier" <k3ph@ptd.net>
- 38) [159574] Re: rtty *down to* lower 25
by "sjolin" <sjolin@swbell.net>
- 39) [159575] Re: rtty *down to* lower 25
by "john_k7fd" <john_k7fd@cablespeed.com>
- 40) [159576] Re: November, 2003, QST review of Icom IC-703 Plus...
by "sjolin" <sjolin@swbell.net>
- 41) [159577] Re: camCorder battery adapter as seen in HOMEBREWER#1
by "Howard Kraus" <K2UD@adelphia.net>
- 42) [159578] Re: What Happened?
by <bill@n4qa.com>

- 43) [159579] Re: More on Restoring Receiver.
by Ed Tanton <n4xy@earthlink.net>
- 44) [159580] The perfect QRP day...
by <bill@n4qa.com>
- 45) [159581] RE: RTTY down to lower 25KHz?
by "Paul, VE1DY" <ve1dy@myway.com>
- 46) [159582] Re: It looks like BPL is being offered in Manassas, VA
by "n3drk" <n3drk@triad.rr.com>
- 47) [159583] Inexpensive soldering iron recommendation
by "Bruce Kizerian" <kizerian@xmission.com>
- 48) [159584] FOR SALE - MFJ-941E TUNER
by "NORM KLIEMAN" <k9nk@msn.com>
- 49) [159585] Re: November, 2003, QST review of Icom IC-703 Plus...
by w9ya <w9ya@arrl.net>
- 50) [159586] Re: More on Restoring Receiver.
by Al Scanandoah <k2zn@rochester.rr.com>
- 51) [159587] Fw: It looks like BPL is being offered in Manassas, VA
by "n3drk" <n3drk@triad.rr.com>
- 52) [159588] Re: F.S. DSWII-20
by "Joseph Trombino Jr" <w2kj@bellsouth.net>
- 53) [159589] Re: Inexpensive soldering iron recommendation
by Chuck Adams <k7qo@commspeed.net>
- 54) [159590] today's contest
by "Joseph Trombino Jr" <w2kj@bellsouth.net>
- 55) [159591] Re: It looks like BPL is being offered in Manassas, VA
by w9ya <w9ya@arrl.net>
- 56) [159592] FS
by "Ron Kolarik" <rkolarik@neb.rr.com>
- 57) [159593] WM-20
by Ingo Meyer DK3RED <dk3red@t-online.de>
- 58) [159594] RE: November, 2003, QST review of Icom IC-703 Plus...
by "Sverre Holm" <la3za@qsl.net>
- 59) [159595] Re: November, 2003, QST review of Icom IC-703 Plus...
by Bruce Muscolino <w6toy@erols.com>
- 60) [159596] Re: November, 2003, QST review of Icom IC-703 Plus...
by Dennis Doran <wb8wtu@yahoo.com>
- 61) [159597] homebrew paddles
by "Nathan" <kf9li@arrl.net>
- 62) [159598] Re: November, 2003, QST review of Icom IC-703 Plus...
by Bruce Muscolino <w6toy@erols.com>
- 63) [159599] Re: November, 2003, QST review of Icom IC-703 Plus...
by Bruce Muscolino <w6toy@erols.com>
- 64) [159600] Re: November, 2003, QST review of Icom IC-703 Plus...
by w9ya <w9ya@arrl.net>
- 65) [159601] Re: today's contest
by John Sielke <jsielke@pobox.com>
- 66) [159602] Re: November, 2003, QST review of Icom IC-703 Plus...
by w9ya <w9ya@arrl.net>

- 67) [159603] Re: November, 2003, QST review of Icom IC-703 Plus...
by Karl Larsen <k5di@zianet.com>
- 68) [159604] Re: homebrew paddles
by "Lawrence Makoski" <Makos327@worldnet.att.net>
- 69) [159605] Re: November, 2003, QST review of Icom IC-703 Plus...
by w9ya <w9ya@arrl.net>
- 70) [159606] Tailgating the way it oughtta be...
by <bill@n4qa.com>
- 71) [159607] 15 Meters
by "Ron Polityka" <wb3aal@verizon.net>
- 72) [159608] Re: DAG NABBIT!!!!
by "Lee Hopper" <leehopp@msn.com>
- 73) [159609] Re: today's contest
by "sslyon" <sslyon@megalink.net>
- 74) [159610] Re: Inexpensive soldering iron recommendation
by "sslyon" <sslyon@megalink.net>
- 75) [159611] Fenway Park Morse Code Question
by "Ron Polityka" <wb3aal@verizon.net>
- 76) [159612] Re: November, 2003, QST review of Icom IC-703 Plus...
by <jeff@ke9v.com>
- 77) [159613] Re: November, 2003, QST review of Icom IC-703 Plus...
by "Joseph Trombino Jr" <w2kj@bellsouth.net>
- 78) [159614] Re: November, 2003, QST review of Icom IC-703 Plus...
by Karl Larsen <k5di@zianet.com>
- 79) [159615] Re: Fw: It looks like BPL is being offered in Manassas, VA
by "Bill Rowlett" <kc4atu@hotmail.com>
- 80) [159616] Re: Inexpensive soldering iron recommendation
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>

Date: Fri, 17 Oct 2003 18:42:00 -0400
From: "Adam Vazquez" <adam.vazquez.kb2jpd@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [159537] Re: SWR Question - Sidebar
Message-ID: <E1AAAdIn-0001yq-00@heron.mail.pas.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: 8bit

To the interested reader:

All responses surrounded with stars are responses from me -Adam. I apologise for the confusion this may cause.

George W5YR had responded to my message stating:

With all respect, Adam, the sole purpose of the tuner, feedline and antenna

is to accept maximum available power from the transmitter and radiate as much of it as possible.

** I believe that description should describe the feedline and the antenna. The function of the tuner is transform the impedance so the generator sees an optimum load.**

This can be accomplished only if the transmitter is provided with its specified load, almost always in today's rigs, a 50 ohm resistive load.

The SWR on the line to the antenna is largely irrelevant as long as the correct load is presented to the rig. This condition is what the rig SWR meter shows.

** As long as there is no transforming network in the transmission line, I agree.
**

The SWR meter on the rig does not actually measure a standing wave ratio. It may be calibrated in terms of SWR but it is actually showing you how far from that perfect 50 ohm resistive load you are operating.

The gentleman's original question is which of the two meters should he use to measure his SWR. Since you have stated that the internal meter is not a real SWR meter, and the gentleman is trying to obtain a tuned condition on his untuned antenna, then the logical conclusion is that he wants to tune for minimum reflected power and optimum RF output.

**Contents of original post "SWR Question - which meter is correct?? "

Subject: SWR Question - which meter is correct?? From: NORM KLIEMAN (k9nk@msn.com)
Date: Mon Oct 13 2003 - 01:14:59 EDT

Hi - I have had the same problem with both my FT-817 and now also with a new FT-857.

When I use the built in SWR meter on the rig using my tuner I can get it pretty darn close to a 1:1 match or atleast two the point where the high SWR meter reading is not showing up on the rig. I am making contacts with the rig too. I have full power output.

My tuner has a built in SWR meter and with that in line my SWR shows a very large mis-match.
My tuner is an MFJ -941e.

My question is which SWR meter should I believe -- the one in the rig or the one in the tuner.

Have a good ground too.

Thanks for the help!

Norm K9NK

** End of original post.

Thus, all adjustments external to the transmitter should be aimed at providing the transmitter with it proper load. Causing the tuner SWR meter to indicate 1:1 if the rig meter shows 1.7:1 is not the way to go. On the other hand, if the tuner meter reads 1.7:1 when the rig meter shows 1:1, then you know that the transmitter has been provided the correct load.

Sorry to disagree but this is pretty well generally understood to be the case. The tuner meter, inserted in the line between the rig and the tuner, is not perfect and introduces an impedance "bump" among other effects which causes a reflection at that point. That causes the rig meter and the tuner meter reading to differ in some instances.

Funny did that not sound like a echo??

Apart from convenience, one could remove or disconnect the tuner meter and adjust the tuner perfectly well by observing only the rig meter. That is the way I tune my antennas 90% of the time.

As long as I appear to be on your case, let me add that it is also true that there is no demonstrable difference in field strength from a resonant antenna and a non-resonant antenna in the same location fed the same power.

**I am sorry to hear that you believe in that. There are numerous cases available for your evaluation that shows receiver SWR affected radio reception. I guess that I don't live in the same world as you. I believe that if you tried it and accurately documented the data with a random length wire with and without a tuner in line with a distant station via groundwave and skywave, you might be pleasantly surprised with the results. **

I use three wire antennas and none of them are resonant at the frequencies of operation. Station efficiency overall must be pretty good based upon Fox Hunt results! <:}

73/72, George
Amateur Radio W5YR

** Well thank you George for all the other information you posted in the rest of your reply. I will continue in helping out those who need assistance and I welcome your responses to the forum. I must remind you although this forum is about QRP and amateur radio, it is not exactly the same as operating on the band. Just because I gave a different answer does not mean you have to reply to it. I believe

it is part of the Amateur radio code....to be considerate.

I guess in this matter we agree to disagree, even with documentation.

Adam Vazquez Kb2jpd

=====

"The safety of the people is the highest law."

Date: Fri, 17 Oct 2003 22:45:39 +0100
From: "Juan Ferrari" <puntrad@usa.net>
To: <lee.boulineau@attws.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159538] Re: Off to the fun at QRPacificon
Message-ID: <008d01c394f8\$03c8d700\$3e564b43@puntana.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm in Margate. West of Pompano Beach.
Juan - KG4FSN

----- Original Message -----

From: Boulineau, Lee <lee.boulineau@attws.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, October 17, 2003 4:46 PM
Subject: RE: Off to the fun at QRPacificon

Is it time for us to form a group a la NoGaQRp - we could be the
Florida QRange Punch !!

Lee

-----Original Message-----

From: Bob Patten [mailto:n4bp@bellsouth.net]
Sent: Friday, October 17, 2003 11:29 AM
To: lee.boulineau@attws.com
Cc: Low Power Amateur Radio Discussion
Subject: Re: Off to the fun at QRPacificon

Boulineau, Lee wrote:

N4BP in Plantation (Ft. Lauderdale)

>I'm in Orlando!

>

>72 de Lee N4MVL

>

>-----Original Message-----

>From: Thomas Lewis [mailto:thomas_h_lewis@msn.com]

>Sent: Thursday, October 16, 2003 6:15 PM

>To: Low Power Amateur Radio Discussion

>Subject: Re: Off to the fun at QRPacificon

>

>

>We have to figure how to have this much fun in sunny Florida.

>

>QRPers in FLA??

>

>K4THL

>

>

>-----
>Fretting that your Hotmail account may expire because you forgot to
sign

>in

>enough? Get Hotmail Extra Storage today!

><http://join.msn.com/?PAGE=features/es>

>

>

>

>

--

73, Bob Patten, N4BP

Plantation, FL

E-Mail: n4bp@arrl.net

Website: <http://www.qsl.net/n4bp>

QRP ARCI #3412 SOC #1 ARS #799 Whiners #6 FISTS #7871

Date: Fri, 17 Oct 2003 18:48:00 -0400

From: "Adam Vazquez" <adam.vazquez.kb2jpd@earthlink.net>

To: "qrp-1" <qrp-1@lehigh.edu>

Subject: [159539] RE:%20Screwdriver%20tuned%20antenna

Message-ID: <E1AAAdPM-0004FQ-00@firecrest.mail.pas.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: 8bit

Thanks for the detailed information. It was almost as good a written description of a schematic I have seen written online.

Now if anyone could improve on the design for better signal transfer out into the ether....

I find it amazing that the magloop and the screwdriver have similar properties. The magloop uses a balun called a infinite balun, and the screwdriver uses a ulun instead....

Hmmm..... something to try out. Anyone tried an infinite balun to a screwdriver and see how it would operate?
The magnetic coupling could keep some of incidental noise out of the receiver.

Adam Vazquez Kb2jpd

=====

"The safety of the people is the highest law."

Date: Fri, 17 Oct 2003 19:03:29 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [159540] How to select the right solder?
Message-ID: <186.20a187f7.2cc1cf41@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have read some of the guides and recommendations out and still a little fuzzy on selecting best solder for the job. The ELECRAFT site has a nice technical article and OHR has a recommendation. In one case KESTER 285 is recommended
and another KESTER 245. For diameters I see recommendations ranging from 0.022 thru 0.032. In the past I had used just plain old solder packs from Radio Shack but would like to improve the quality of my soldering. Are there any good guides I might be missing or some tips you might care to pass along?

(By the way I have upgraded to a Weller WTCPT station)
Thank you

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- --- --- DIT DIT

Date: Fri, 17 Oct 2003 18:12:51 -0500
From: "George, W5YR" <w5yr@att.net>
To: <adam.vazquez.kb2jpd@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [159541] Re: SWR Question - Sidebar
Message-ID: <026c01c39504\$3395a9c0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I believe that your response speaks for itself in all respects.

In the interests of conserving bandwidth I am not quoting either your or my posting.

The regular readers of this reflector are highly capable of exercising discretion in what they read.

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"Starting the 58th year and it just keeps getting better!"
w5yr@att.net

----- Original Message -----
From: "Adam Vazquez" <adam.vazquez.kb2jpd@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, October 17, 2003 5:42 PM
Subject: Re: SWR Question - Sidebar

> To the interested reader:
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> All responses surrounded with stars are responses from me -Adam. I
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> George W5YR had responded to my message stating:

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> is to accept maximum available power from the transmitter and radiate as
> much of it as possible.
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> one in the tuner.
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> Have a good ground too.
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> Thanks for the help!
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> Norm K9NK
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> Adam Vazquez Kb2jpd
>
> =====
>
> "The safety of the people is the highest law."
>

Date: Fri, 17 Oct 2003 16:48:21 -0700
From: Adam Farson <farson@shaw.ca>
To: ve1ga@rac.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@LEHIGH.EDU>
Subject: [159542] RE: More on Restoring Receiver.
Message-ID: <BLEKJMCJB0EAAIECDNNCAEKIHDA.farson@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Hi Leigh,

I can confirm your observations on alignment of solid-state radio equipment.
The only time I have ever needed to perform a realignment on any of the
solid-state radios I have owned over the last 25 years or so was when a
frequency-determining component such as a capacitor, inductor, crystal or IF
filter needed replacing. I have had transceivers, amplifiers and even test
equipment stay in spec over periods measured in years or even decades.

I concur 100% with your comment that the small tuning slugs and trimmers

encountered in today's miniaturised equipment will suffer rapid mechanical degradation is subjected to excessive "tweaking".

Cheers for now, 73,
Adam VA70J/AB40J

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Leigh Hawkes

Sent: Friday, October 17, 2003 14:30

To: Low Power Amateur Radio Discussion

Subject: Re: More on Restoring Receiver.

John,

As an RF/Telecoms Technician for over 30 years, I can't imagine why there would be a need to align a rig such as the TS-520S every six months. The degraded performance you are now reporting may be a lot more difficult to cure because of this. I'd expect a strong possibility that some of the constant realigning has masked the possible problem source(s), and may itself be the actual cause. The tuning coils, slugs, and trimmers in today's consumer electronics are rarely of adequate quality to be subjected to that much disturbance. Alignment would not usually be required in a solid state rig unless there has been a significant component replacement.

Good luck. 73, Leigh, VE1GA

Date: Fri, 17 Oct 2003 16:55:19 -0700

From: John Somerville <forthman@shaw.ca>

To: ve1ga@rac.ca

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [159543] Re: More on Restoring Receiver.

Message-ID: <3F908167.1070204@shaw.ca>

MIME-version: 1.0

Content-type: text/plain; charset=ISO-8859-1; format=flowed

Content-transfer-encoding: 7BIT

Leigh Hawkes wrote:

>John,

>
>As an RF/Telecoms Technician for over 30 years, I can't imagine why there
>would be a need to align a rig such as the TS-520S every six months. The
>degraded performance you are now reporting may be a lot more difficult to
>cure because of this. I'd expect a strong possibility that some of the
>constant realigning has masked the possible problem source(s), and may
>itself be the actual cause. The tuning coils, slugs, and trimmers in today's
>consumer electronics are rarely of adequate quality to be subjected to that
>much disturbance. Alignment would not usually be required in a solid state
>rig unless there has been a significant component replacement.

>
>Good luck. 73, Leigh, VE1GA

>
>
>
>
>
>
>
>

Well you are right to an extent. I found modest changes in the
receiver if I aligned yearly, thus I decided to tweak every six months,
only the slightest changes are necessary in this interval. Since the
TS520 S is thirty years old I suspect that some of the electrolytic caps
are beyond spec and may be encroaching on the design limits. The ham
I bought the rig from sold it because of degraded performance, the
degradation was due to neglected alignment. He regretted the sale
after he heard the improvement on 10 and 15 meters which was
accomplished via re-alignment.

72 John VE7CFG

Date: Fri, 17 Oct 2003 19:09:45 -0500
From: "George, W5YR" <w5yr@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [159544] Fw: SWR Question - Sidebar
Message-ID: <028001c3950c\$2f7a5b80\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry, gang, but I completely forgot to delete the postings that I thought I
had.. I hate to see our bandwidth misused that way. I'll try to be more
careful in the future.

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"Starting the 58th year and it just keeps getting better!"
w5yr@att.net

----- Original Message -----

From: "George, W5YR" <w5yr@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, October 17, 2003 6:12 PM
Subject: Re: SWR Question - Sidebar

> I believe that your response speaks for itself in all respects.
>
> In the interests of conserving bandwidth I am not quoting either your or
my
> posting.
>
> The regular readers of this reflector are highly capable of exercising
> discretion in what they read.
>
> 73/72, George
> Amateur Radio W5YR - the Yellow Rose of Texas
> Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
> "Starting the 58th year and it just keeps getting better!"
> w5yr@att.net

Date: Fri, 17 Oct 2003 19:11:02 -0600 (MDT)
From: Karl Larsen <k5di@zianet.com>
To: qrp-l@lehigh.edu
Cc: "George, W5YR" <w5yr@att.net>
Subject: [159545] Radios, tuners, feedlines, antenna
Message-ID: <Pine.LNX.4.44.0310171851530.4692-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi George, amazing how this time of year brings out the antenna
questions which more often than not mean the feedline instead. You and I
went over this last year and proved that an antenna tuner can convert

from balanced to unbalanced coax cable and match very well the radio transmitter output impedance $R + jX$ to the antenna feed point we can call $R_a + jX_a$. These two impedances are almost always very different but the action of the feedline and the tuner match both ends very well.

To prove this you either need a lot of Smith Charts or a computer program that is designed to measure feed lines. The latter course is much easier.

If you have 2 SWR meters they are usually calibrated and accurate to 20% when new. No surprise they don't read the same thing when in series. Anyhow one is enough and that you adjust to zero reverse power with the tuner. My FT-817 has a bar that measures reverse power. I adjust the tuner until there is no reverse power.

So lets get ready for the questions. I have not yet seen the question "How well does the non-resonant 88 foot dipole perform?"

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Fri, 17 Oct 2003 20:07:40 -0500 (CDT)
From: grizzarv@mindspring.com
To: ARDUJENSKI@aol.com
Cc: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [159546] Re: How to select the right solder?
Message-ID: <200310180107.h9I17eX22703@kg7yy.kg7yy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> From: ARDUJENSKI@aol.com
> Subject: How to select the right solder?
>
> I have read some of the guides and recommendations out and still a little
> fuzzy on selecting best solder for the job. The ELECRAFT site has a nice
> technical article and OHR has a recommendation. In one case KESTER 285 is
> recommended
> and another KESTER 245. For diameters I see recommendations ranging from 0.022
> thru 0.032. In the past I had used just plain old solder packs from Radio
> Shack but would like to improve the quality of my soldering. Are there any good
> guides I might be missing or some tips you might care to pass along?

First, forget about acid-core solder of any stripe. Ain't gonna happen.

For the average home builder, solder cored with mildly activated rosin (also called "RMA") is about ideal. Unactivated rosin is a specialty item, and is not high on my personal list of faves. Water-washable flux is great in principle. Semicolon however comma. It is highly hygroscopic and will cause circuit operation problems if it is not promptly removed. Low-residue flux works well if the components and the board are spotlessly clean; if not, they don't have the aggressive action that the RMA does. IMnSHO, low-residue RMA is the best formulation.

If you're only soldering tin-plated or tin/lead-plated components then all you really need for an alloy is 60/40 or 63/37. A tin/lead solder that's 63 percent tin and 37 percent lead is called "eutectic" and has no semi-molten/semi-solid, or "plastic", temperature region as it freezes. 60/40 solder has better wetting capability than eutectic solder, but it does have a small plastic range that you need to be aware of. Honestly speaking, pick one and forget it. You won't give up enough wetting ability with the eutectic alloy to make a difference on the vast majority of your soldering nor is the plastic range big enough with the 60/40 to cause problems with the vast majority of your soldering.

Gold and tin don't form a sound alloy, forming instead a brittle intermetallic compound. If you've ever soldered gold then you have probably seen that nasty-looking gray solder and wondered what was wrong. You can either wick off the gray solder and resolder the joint, repeating until the solder is bright, or use a tin/lead/silver solder. The silver keeps the solder from leaching precious metals away and will prevent gray solder on gold. It's also what you want if you're working with silver-plated SMT components.

I have a spool of 0.040" 60/40 Kester 44 core in my toolbox. I use it for soldering PL-259 connectors. At work I use 0.020" low-residue RMA-cored eutectic solder for 805 or bigger components, going to 0.015" for 603 or smaller and for fine-pitch components where I can't use drag-soldering techniques. My work iron is a Metcal MX-500 and yes it is a very nice iron. Metcal -- justifiably -- is proud of it. I've been trying to justify buying one for myself and have almost managed to do so. The SP-200 is half the price but doesn't have the broad range of tips available that the MX-500 does.

You can leave the flux residue on the board for digital, audio, or power work. Some say you can for RF as well, but I have seen flux age and change the way the circuit operates. If you can keep a small stock of Everclear on hand for solvent purposes it'll work great for removing flux; if not, apparently drugstores can get absolute isopropyl alcohol as a special-order item. Q-tips, pipe cleaners, and lintless paper

towels will be your friends when it comes time to clean it up.

> (By the way I have upgraded to a Weller WTCPT station)

Not a thing in the world wrong with that iron within its limits. If you're not doing real small SMT stuff then it'll work well for you for years. It will let you do SMT, just not 603 or 402-scale.

> Thank you

HTH

de kg7yy

Date: Fri, 17 Oct 2003 21:35:46 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159547] RE: More on Restoring Receiver.
Message-ID: <721D3436A7C2B344A301FD4A413C71A902511CE4@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Even on the older equipment I have worked on in my 10-odd years in =
electronics service, the most common reason for the need for alignment =
is that someone tried to align the equipment without the availability of =
the proper equipment and alignment instructions.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Adam Farson [mailto:farson@shaw.ca]
> Sent: Friday, October 17, 2003 7:48 PM

> To: Low Power Amateur Radio Discussion
> Subject: RE: More on Restoring Receiver.
>=20
>=20
> Hi Leigh,
>=20
> I can confirm your observations on alignment of solid-state=20
> radio equipment.
> The only time I have ever needed to perform a realignment on=20
> any of the
> solid-state radios I have owned over the last 25 years or so=20
> was when a
> frequency-determining component such as a capacitor,=20
> inductor, crystal or IF
> filter needed replacing. I have had transceivers, amplifiers=20
> and even test
> equipment stay in spec over periods measured in years or even decades.
>=20
> I concur 100% with your comment that the small tuning slugs=20
> and trimmers
> encountered in today's miniaturised equipment will suffer=20
> rapid mechanical
> degradation is subjected to excessive "tweaking".
>=20
> Cheers for now, 73,
> Adam VA70J/AB40J
>=20
>=20
> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU=20
[mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
Leigh Hawkes
Sent: Friday, October 17, 2003 14:30
To: Low Power Amateur Radio Discussion
Subject: Re: More on Restoring Receiver.

John,

As an RF/Telecoms Technician for over 30 years, I can't imagine why =
there
would be a need to align a rig such as the TS-520S every six months. The
degraded performance you are now reporting may be a lot more difficult =
to
cure because of this. I'd expect a strong possibility that some of the
constant realigning has masked the possible problem source(s), and may
itself be the actual cause. The tuning coils, slugs, and trimmers in =
today's

consumer electronics are rarely of adequate quality to be subjected to =
that
much disturbance. Alignment would not usually be required in a solid =
state
rig unless there has been a significant component replacement.

Good luck. 73, Leigh, VE1GA

Date: Fri, 17 Oct 2003 21:32:29 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <llachow@yahoo.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159548] Re: K-1 Antenna Connector - Coax and Connector
Message-ID: <005e01c39518\$0a104ce0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I use a BNC-to-binding post adapter, and stick one
> end of a longwire into the positive side, and work the
> world, near and far.
>

That's what I use to go to twinlead... Which goes to my 40M dipole...

I think the adapter was \$5 at RS. But it took 4 tries to get 2 of them.
The catalog numbers in their catalog (when they still had a catalog)
were wrong.

Mike

Date: Fri, 17 Oct 2003 21:30:49 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <dale@botkin.org>, <qrp-l@Lehigh.EDU>
Subject: [159549] Re: K-1 Antenna Connector - Coax and Connector
Message-ID: <005d01c39518\$09e59360\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> SO-239 to BNC adapters are available as close as your local Radio Shack,
> or from virtually every cable vendor listed in QST. Ditto for BNC-ended
> cables.

The only trouble with 'adapters' is that they can put a LOT of mechanical stress on things if they get 'banged around'.

Mike

Date: Fri, 17 Oct 2003 20:40:21 -0500
From: "George, W5YR" <w5yr@att.net>
To: "Karl Larsen" <k5di@zianet.com>, <qrp-1@lehigh.edu>
Subject: [159550] Re: Radios, tuners, feedlines, antenna
Message-ID: <02e201c39518\$cbe397f0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

To answer the question, Karl:

1. on 75 meters, a fairly large group of operators over a several state area found little or no difference between the 20-meter EDZ and a resonant 80-meter horizontal loop.

2. I think that the W5YR Fox Hunt rankings over the past couple of years shows anecdotally how well the pair of 20-meter EDZ's at right angles work on 40 and 20.

And we know how K5DI gets out!

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"Starting the 58th year and it just keeps getting better!"
w5yr@att.net

----- Original Message -----

From: "Karl Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Cc: "George, W5YR" <w5yr@att.net>
Sent: Friday, October 17, 2003 8:11 PM
Subject: Radios, tuners, feedlines, antenna

>
> Hi George, amazing how this time of year brings out the antenna
> questions which more often than not mean the feedline instead. You and I
> went over this last year and proved that an antenna tuner can convert
> from balanced to unbalanced coax cable and match very well the radio
> transmitter output impedance $R + jX$ to the antenna feed point we can call
> $R_a + jX_a$. These two impedances are almost always very different but the
> action of the feedline and the tuner match both ends very well.
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> To prove this you either need a lot of Smith Charts or a
> computer program that is designed to measure feed lines. The latter
> course is much easier.
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> accurate to 20% when new. No surprise they don't read the same thing
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>
>
> So lets get ready for the questions. I have not yet seen the
> question "How well does the non-resonant 88 foot dipole perform?"
>
> --
>
> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -
>

Date: Fri, 17 Oct 2003 21:41:44 -0400
From: "Paul Gerhardt" <pgerhardt@hotmail.com>
To: qrp-1@Lehigh.EDU, radioham@gmx.co.uk
Subject: [159551] RE: Have you had a prob with '817 pwr connector? =?
ISO-8859-1?Q?=CA?=
Message-ID: <BAY1-F1200z9BaFLlJ30000c668@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

To Ray and others

Ray thanks for the tip on finding the burned trace. I had exactly the same problem and was able to fix it with the application of the soldering iron and a bit of solder. I tried to get one strand of wire to sit on the trace but couldn't quite get it to stay. In any case I found the open point by tracing the gnd. lead back from the connector with the ohmmeter and when I found it this way I scratched at it a bit with a dental probe and then I could almost see it. The burned part was between two smd caps and the large cap. behind the pwr conn.

73 and hope to work a few folks this we.

Paul
K3PG

"Ray Goff" <radioham@gmx.co.uk>

Paul,

It as a short track on the upper side of the board (I didn't need to remove the board) very close to the power connector itself.

If you have a meter, measure the resistance between the black lead of the cable and the metal heatsink. If it is not close to zero ohms, you have the same problem I had. Incidentally, I am not the first person to have had the problem.

73

Ray, G4FON

Paul Gerhardt
pgerhardt@hotmail.com

Never get a busy signal because you are always connected with high-speed Internet access. Click here to comparison-shop providers.
<https://broadband.msn.com>

Date: Fri, 17 Oct 2003 19:19:44 -0700
From: Adam Farson <farson@shaw.ca>

To: w1rfi@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-1@LEHIGH.EDU>
Subject: [159552] RE: More on Restoring Receiver.
Message-ID: <BLEKJMCJB0EAAIECDNNCOELBHDA.farson@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Gee Ed,

You mean to tell me I messed up when I tightened down all those slightly-loose screws under the holes in those little square cans? <G>

Cheers for now, 73,
Adam VA70J/AB40J

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Hare, Ed, W1RFI
Sent: Friday, October 17, 2003 18:36
To: Low Power Amateur Radio Discussion
Subject: RE: More on Restoring Receiver.

Even on the older equipment I have worked on in my 10-odd years in electronics service, the most common reason for the need for alignment is that someone tried to align the equipment without the availability of the proper equipment and alignment instructions.

73,
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

Date: Fri, 17 Oct 2003 22:29:02 -0400
From: "Mike Majority" <n4vbv@earthlink.net>
To: "qrp-1" <qrp-1@lehigh.edu>

Subject: [159553] Cell Phone Conversion update
Message-ID: <410-22003106182292953@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

First - Apologies to all who responded to my original post and got caught by the earthlink spamblocker. Used the default setup and had a real headache. Short story - it's now disabled.

Update - I had quite a few offline replies from other list members interested in converting the old analog "bag" cell phones to the 902 ham band. Got 3 of these for \$5 each at local thrift stores and they all work as far as calling customer service. Manual states that they'll work up to 894 MHz, so thought the 902 band might be possible. Oh yeah, they're 3 WATTS OUTPUT, so fall under QRP (but I wouldn't sit a 3w 800-900 xmtr in my lap!).

So far have found one site by OH3TR that covers quite a few differnt phones. The link is
" <http://oh3tr.ele.tut.fi/english/modifications.html> ", just cut and paste.

Just found the site, so am digging into it now (thanks, Google). If folks are interested I'll post any other info I find.

72,
Mike, N4VBV in South Carolina

--- Mike Majority
--- n4vbv@earthlink.net
--- EarthLink: The #1 provider of the Real Internet.

Date: Fri, 17 Oct 2003 21:53:28 -0500
From: "George, W5YR" <w5yr@att.net>
To: <farson@shaw.ca>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [159554] Re: More on Restoring Receiver.
Message-ID: <034701c39523\$03dec170\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

WE read about this occasionally as a joke, but back in my high-school years when I was working in a radio service shop, I got more than one old set brought in after the owner tightened all those loose screws.

It does (did?) happen . . . and the first time you encounter it, your troubleshooting skills take a massive leap.

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"Starting the 58th year and it just keeps getting better!"

w5yr@att.net

----- Original Message -----

From: "Adam Farson" <farson@shaw.ca>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, October 17, 2003 9:19 PM

Subject: RE: More on Restoring Receiver.

> Gee Ed,

>

> You mean to tell me I messed up when I tightened down all those

> slightly-loose screws under the holes in those little square cans? <G>

>

> Cheers for now, 73,

> Adam VA7OJ/AB4OJ

>

>

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> Hare,Ed, W1RFI

> Sent: Friday, October 17, 2003 18:36

> To: Low Power Amateur Radio Discussion

> Subject: RE: More on Restoring Receiver.

>

>

> Even on the older equipment I have worked on in my 10-odd years in

> electronics service, the most common reason for the need for alignment is

> that someone tried to align the equipment without the availability of the

> proper equipment and alignment instructions.

>

>

> 73,

> Ed Hare, W1RFI
> ARRL Lab
> 225 Main St
> Newington, CT 06111
> Tel: 860-594-0318
> Internet: w1rfi@arrl.org
> Web: <http://www.arrl.org/tis>
>
>
>
>

Date: Fri, 17 Oct 2003 20:23:43 -0700
From: "john_k7fd" <john_k7fd@cablespeed.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159555] RTTY down to lower 25KHz?
Message-ID: <000501c39527\$3bee4500\$3801a8c0@codeking>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Maybe I've been asleep but it seems as of late, the RTTY contesters are spreading out all the way down to the extra portion of the cw bands now...? Sure wipes cw qrp out...guess I'm off to 30 meters!

73 John K7FD

Date: Fri, 17 Oct 2003 21:04:38 -0700
From: Adam Farson <farson@shaw.ca>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [159556] RE: RTTY down to lower 25KHz?
Message-ID: <BLEKJMCJBOEAAIECDNNCAELFHDA.farson@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hi John,

Those are most probably RTTY stations outside the US; they are not bound by US sub-bands. It is to be hoped that they are not non-amateur intruders!

Cheers for now, 73,
Adam VA7OJ/AB4OJ

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of john_k7fd
Sent: Friday, October 17, 2003 20:24
To: Low Power Amateur Radio Discussion
Subject: RTTY down to lower 25KHz?

Maybe I've been asleep but it seems as of late, the RTTY contesters are spreading out all the way down to the extra portion of the cw bands now...? Sure wipes cw qrp out...guess I'm off to 30 meters!

73 John K7FD

Date: Fri, 17 Oct 2003 21:16:33 -0700
From: "Paul Beringer" <fistsc2c@yahoo.com>
To: "Qrp-L reflector" <qrp-l@Lehigh.EDU>
Subject: [159557] Fists Coast to Coast contest results and wrap up
Message-ID: <OKEEKIBJJJOAMBPELHNDBGEFOCFAA.fistsc2c@yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

>From its roots in 1998 as the West Coast Triple with K7FFF, K6FFF and WA7YYY, the Third Annual Coast-to-Coast FISTS Clubs QSO Party has expanded to an amazing 56 clubs participating this year. In fact, some clubs got their numbers just days before the event started. I received e-mails from FISTS members telling me about unknown clubs who didn't know about the event. Just a week before the event, David, K8III e-mailed to say that W1AW was a club. Two hours before the start, I got an e-mail from the Redmond Top Key Contest club asking me to get a club number! Well, even I can't move that fast.

Since I can't put up antennas here at our condo anymore, Casey Bahr, KS7J invited my wife and I to spend the weekend at his place to work the contest. His lovely wife Tamara and their two children were very gracious hosts and we felt very welcome there. Perhaps we will be able to return the favor in the future.

By all accounts, the event was a bang up success. We started out right on

time and were on the air for most of the time. The winner in the individual category was Bill K8FLY who outdistanced the individual FISTS members with 1911 points.

Some of Bill's comments, Well talk about exciting news! I knew I did well, but sure didn't ever expect to possibly get that lucky! I had a total of 55 QSOs, a few rag chews along the way from some newer members as well as a few from fellow FISTS members that I've gotten to know over the years. I have always been a rag chewer first then a FISTS member. I sure can't say enough thanks for all the clubs that took the time to participate what a growing group we are!

One club that must have been awake all night was W4FCR, the FISTS QSL Bureau Club. Stan and his gang slammed dunked the winning club score with 41 clubs worked and 18 additional QSOs on different bands for a total of 2378. Stan, K4UK, wrote some comments on behalf of the three operators, himself, Riley, K4ORD and Bill, W4BOT.

Here are some of Stan's comments edited for brevity. We split up the bands so that (we) operated mainly 20 Meters and .40 Meters. ..around 1430 UTC .after many (15M) CQ's (Stan) was finally answered by Arve, SM6FFG in Vallda, Sweden. Arve is not a member of FISTS but they had an enjoyable 30 minute rag chew. Then Stan called Bill, W4BOT and told him 15 Meters was open. He also sent an e-mail off to Geo, G3ZQS suggesting that he get GX0IPX on the air on 15 Meters. So, then by golly at 1829 UTC (Bill) was "thrilled" to get FISTS # 1 from Geo at GX0IPX. And later Fred, G4HWK #6470 at 1847 UTC. By far the best bands were 40 and 20 Meters. We were disappointed that there was not much activity on 80 Meters. However the opening of 15 Meters provided some real fun for Bill, who is new to "contesting" and he told me it was one of the biggest thrills he has had in his 50 years of ham radio.

Geo, who operated #1 club station GX0IPX, commented that conditions were very poor on 15 meters. In fact, the wheels came off after about 30 minutes and by that time, 20m was nbg due to the noise level. I'll leave it to your imagination what nbg really means! Hi hi

Three clubs participated from down under . ZL6FF, VK2FDU and VK4RC. Judging by what I saw in the smattering of logs I received, propagation conditions were not very conducive to contacts either with Europe or New Zealand and Australia. But I will say many thanks for the hard earned contacts that they provided. Canada was represented by a few clubs most notably VA7TRS operated by John, VE7NI. John had 78 contacts with participants this year. Many thanks to the Canada clubs.

Robin Faulkner, the man behind the fabulous certificates, has done a wonderful service for the Coast-to-Coast event. The certificates are better than any other I have seen. They are printed on a cloth-based paper and the

printing really stands out. Almost a 3D effect.

With more than nearly 80 scores entered in the database, I'd say that C2C 2003 was an unqualified success with lots of activity both slow and fast. It was interesting listening to the ragchews that would occasionally develop between the clubs and members. I heard one member mention that this was the first contest he'd entered and was having a blast. Darron Sanchez, WA5TCZ was one of those who are just getting started. His score of 928 was very commendable for a beginner.

I look forward to next year's event as many of you do. I personally will be getting two more clubs registered and I hope that the trend continues. The more the merrier!

73

Paul Beringer NG7Z

Chairman C2C 03

Here are the scores that are current as of October 17th.

Individual station scores

Call	Fist#	Score
K8FLY	3032	1911
W8III	5058	1628
WA9PWP	2153	1435
N0BZM	5149	1400
WB0PYF	7986	1394
W4WDA	9372	1240
K9PL	6753	1140
NG7Z	5368	1073
K4UK	2934	990
KA10X	2489	960
WD9EMF	9550	960
K8NVR	7957	957
WA5TCZ	9441	928
W5TA	7889	858
WB6QQR	8023	725
N3JV	9365	676
K0CPX	8558	675
KD5MDO	9488	675
K01U	N/A	675
W0UFO	3823	650
KH6HHS	9579	648
W9YQ	2765	648
WB4JJJ	2433	625
N3ZPO	8836	575
KD5MJJ	8180	529

K40RD	4272	484
K7KJ	8686	420
KS4TD	4760	399
KC4TVN	870	360
KS0M	3067	342
K1KID	7882	340
WA2VQV	3179	324
N5EBD	9465	320
KW3F	10140	300
KS7J	3648	272
AA2WN	8716	261
K8VFR	5602	256
N4RE	8806	255
N1NGM	1273	238
K7ZYV	3426	208
K3NY	3549	195
N7EIE	9925	143
K6RCZ	9599	121
WA9PDS	6790	121
N1WH	9447	110
KB9P	8437	36
N1SB	7660	36
WB9AUJ	3300	36
KB4BS	9784	16
W4BOT	5674	9

Club scores

Call	Fists#	Score
W4FCR	7007	2378
K5FFF	9750	1950
W4MVZ	7600	1209
W2Z0J	7900	1140
W4FFF	9700	1131
K7FFF	4400	1044
AC9BP	10050	1024
W8EOC	10250	1020
VA7TRS	9400	986
WS9CAN	9550	960
W9FFF	6900	850
W8NCK	8200	837
K8EY	3400	754
W4GGM	5700	725
KD5ZBF	10375	675
W2LZ	9100	546
W4UOT	10300	484
K5TCC	7400	400

W6RO	9350	400	
W4HFH		2963	352
KC7EQW	8675	320	
W7PXL		8800	300
KC8VC		10150	272
NJ2BB		9262	261
W2MO	8250	172	
W4GAC		7875	144
W7TU	9475	143	
W1AW	10200		100
W3GR	9275	72	
NK3ST		6600	36
VK4RC		9066	16
GX0IPX	1	9	

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.525 / Virus Database: 322 - Release Date: 10/9/2003

Date: Fri, 17 Oct 2003 22:23:18 -0700

From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>

To: elecraft@mailman.qth.net, QRP-L <qrp-l@lehigh.edu>

Subject: [159558] Elecraft Pacificon special

Message-ID: <3F90CE46.50505@elecraft.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

I forgot to mention in my last post that we will be running a special at Pacificon. For each purchase of a K1, K2 or KX1 kit we will also include a limited edition Elecraft pocket knife with laser engraved Elecraft logo.

For those of you who can't make it here this weekend, we will also include an Elecraft pocket knife with each K1, K2 or KX1 web order received between 12 Noon (PDT) Friday, 10/17, and 1 PM Sunday, 10/19.

'Guaranteed' to soon become a kit builder collector's item! ;-)

73, Eric WA6HHQ

<http://www.elecraft.com>

Date: Fri, 17 Oct 2003 22:23:30 -0700
From: John Somerville <forthman@shaw.ca>
To: w5yr@att.net, w1rfi@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [159559] Re: More on Restoring Receiver.
Message-ID: <3F90CE52.60608@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1; format=flowed
Content-transfer-encoding: 7BIT

George, W5YR wrote:

>WE read about this occasionally as a joke, but back in my high-school years
>when I was working in a radio service shop, I got more than one old set
>brought in after the owner tightened all those loose screws.

>
>It does (did?) happen . . . and the first time you encounter it, your
>troubleshooting skills take a massive leap.

>
>73/72, George
>Amateur Radio W5YR - the Yellow Rose of Texas
>Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
>"Starting the 58th year and it just keeps getting better!"
>w5yr@att.net

>
>
>
>
>
>
>----- Original Message -----
>From: "Adam Farson" <farson@shaw.ca>
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Sent: Friday, October 17, 2003 9:19 PM
>Subject: RE: More on Restoring Receiver.

>
>
>
>
>>Gee Ed,
>>
>>You mean to tell me I messed up when I tightened down all those
>>slightly-loose screws under the holes in those little square cans? <G>
>>
>>Cheers for now, 73,
>>Adam VA70J/AB40J
>>

>>
>>-----Original Message-----
>>From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
>>Hare,Ed, W1RFI
>>Sent: Friday, October 17, 2003 18:36
>>To: Low Power Amateur Radio Discussion
>>Subject: RE: More on Restoring Receiver.

>>
>>
>>Even on the older equipment I have worked on in my 10-odd years in
>>electronics service, the most common reason for the need for alignment is
>>that someone tried to align the equipment without the availability of the
>>proper equipment and alignment instructions.

>>
>>
>>73,
>>Ed Hare, W1RFI
>>ARRL Lab
>>225 Main St
>>Newington, CT 06111
>>Tel: 860-594-0318
>>Internet: w1rfi@arrl.org
>>Web: <http://www.arrl.org/tis>

>>
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>

Well I'm glad you fellows are enjoying yourselves at my expense, but you have done nothing to answer the original question. Despite what you say about alignment, the frequencies given in the manual do not necessarily give a coincidental peak on TX and RX for the Drive control on the TS520 S across the band, at least on my rig anyway.

72/73 John

Date: Sat, 18 Oct 2003 03:51:21 -0400
From: Joel M Denison <hamjoel@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [159560] rtty in lower 25

Message-ID: <20031018.035122.-255989.0.hamjoel@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

where's the problem?... should be good dx country...they should be
extras so the stations should be operated properly.... good ops, good
operation... A section of the band that's quiet most of the time...
where's the problem? it makes a bit of room for the rest of us...

Joel M Denison po box 542
7mill street Strong, Maine
04983 (KE1LA)

Joel M Denison
po box 542
7mill street
Strong, Maine
04983

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sat, 18 Oct 2003 03:45:54 -0600
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [159561] Power Supply
Message-ID: <000d01c3955c\$a22b9180\$7bca1341@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I came across a 5.25 amp power supply in a yard sale yesterday made by
coleman and even has the power connector on one end and is ready for a qrp
rig seems to work really well it is from a 12 cooler so keep a look out when
at the yards sales Paid \$1.00 for it 72 Cal KF7ET misplaced Vermonter in
Idaho

Date: Sat, 18 Oct 2003 04:58:34 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu, QRPp-I@yahoogroups.com

Subject: [159562] [It's Taken] Tick-1 Chip urs for Stamps
Message-ID: <3.0.2.32.20031018045834.0084c420@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The TiCK-1 has found a new home. Thanks for the replies...

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Sat, 18 Oct 2003 06:49:48 -0400
From: <bill@n4qa.com>
To: <qrp-l@lehigh.edu>
Subject: [159563] November, 2003, QST review of Icom IC-703 Plus...
Message-ID: <000701c39565\$8ea63a80\$d925ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

First, let me say that I'm enjoying my IC-703(hf only) very much. I've made many contacts on most bands(including 60 meters USB) and all its modes except AM & FM (only because I haven't tried AM or FM as yet).

The IC-703 has been the primary rig in my shack since 14 July 2003. Only serious problem I've had to date is a failed driver transistor, Q150, a Mitsubishi RD01MUS1 MOSFET. Icom responded quickly to email order for two replacement devices(one as a spare). Cost, including shipping, about 8 bucks each. Of course, earlier, I purchased the service manual which cost \$56 including shipping. Since I had bought the rig used(no warranty), I replaced the surface-mount driver myself.

I was somewhat surprised to see the review of the 'IC-703 Plus' in the November 2003 issue of QST, having read the review of the 'IC-703' in the July 2003 issue of QST.

The November review seems to have been written to highlight the 6 meter specs and that's well and good for 6-meter enthusiasts.

However, I must take issue with statements made which attempted to persuade readers to believe that any current flavor of IC-703 has anything even in the same league with Ten-Tec's 'legendary QSK' characteristics.

The keying waveform of 'Figure 2' on page 78, Nov 2003 QST tells me all I need to know about the transmit side of the '703's QSK. I am happy, however, that Icom seems to have successfully dealt with the 'leading edge spike' issue.

Receiver recovery in full 'QSK' is so-so in my opinion. Then again, I don't operate the '703 in full 'QSK' because transmissions sound so horrible in any properly adjusted separate receiver. Therefore, I operate in semi QSK CW where the '703 sounds only ok in a separate receiver. But, don't try to break me, except between words...

The '703's QSK is not even as good as that of my Kenwood TS-440S from 1986. And, it falls waaaaaay behind that of my Ten-Tec Century/21 from 1980! Yes, I know the C/21 had issues of its own :)

73.
Bill, N4QA
<http://www.n4qa.com>

Date: Sat, 18 Oct 2003 08:30:08 -0400
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [159564] What Happened
Message-ID: <3F913250.3000406@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Got up early. Fired up K2 at 1200Z for Fall QSO Party. Been listening 40 and 20 last 30 minutes. NOT A SINGLE station!!! SWR all OK. Tried other rigs..nada. Tried other antennas...still nothing.

Did EVERYBODY go to Pacificon? Am I early? Is this the wrong weekend?

Or...could the bands, after 2 weeks of being terrific, have gone down the tubes again?

John W2AGN

Date: Sat, 18 Oct 2003 08:54:19 -0400
From: John Sielke <jsielke@pobox.com>

To: qrp-1@lehigh.edu
Subject: [159565] Re: What Happened?
Message-ID: <3F9137FB.6010300@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Never mind....

Another serious senior momenet. Bands are not too hot...but not as bad as I thought.

I'll go take my Ginkoba, and get back to the contest.

John W2AGN

Date: Sat, 18 Oct 2003 09:09:41 -0400
From: "Bob Scott" <bobw4zy@comcast.net>
To: "QRP Discussion" <qrp-1@lehigh.edu>
Subject: [159566] It looks like BPL is being offered in Manassas, VA
Message-ID: <001701c39579\$188b7540\$c07ba8c0@W4ZY>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>From the article, it appears that they are ready to start selling the service. I guess I do not understand why they can deploy a system not approved by the FCC or have I missed something?

This link will get you the story.

[http://www.potomacnews.com/servlet/Satellite?
pagename=WPN%2FMGArticle%2FWPN_BasicArticle&c=MGArticle&cid=1031771619197&path=!
frontpage](http://www.potomacnews.com/servlet/Satellite?pagename=WPN%2FMGArticle%2FWPN_BasicArticle&c=MGArticle&cid=1031771619197&path=!frontpage)

If that does not work, you can go to www.potomacnews.com .

73,

Bob
W4ZY

Date: Sat, 18 Oct 2003 09:11:29 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: bill@n4qa.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [159567] Re: November, 2003, QST review of Icom IC-703 Plus...
Message-ID: <3F913C01.20507@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I have yet to understand why the engineers at Yaecomwood can't find it in their hearts to bring their T/R switching up to at least 1980 designs.

PIN diodes are cheaper and have a higher MTBF than relays, so they can't use that excuse :-)

Al, K2ZN

Date: Sat, 18 Oct 2003 06:16:15 -0700
From: "john_k7fd" <john_k7fd@cablespeed.com>
To: <hamjoel@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159568] Re: rtty *down to* lower 25
Message-ID: <003101c3957a\$02e72f80\$3801a8c0@codeking>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Joel,

My original post didn't say what band I was on; I was talking specifically about 40 meters, i.e., 7.025 and up...

Try operating on 40m cw tonight...during the QRP ARCI test...let me know how it goes... :)

73 John K7FD

----- Original Message -----
From: "Joel M Denison" <hamjoel@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, October 18, 2003 12:51 AM

Subject: rtty in lower 25

> where's the problem?... should be good dx country...they should be
> extras so the stations should be operated properly.... good ops, good
> operation... A section of the band that's quiet most of the time...
> where's the problem? it makes a bit of room for the rest of us...
> Joel M Denison po box 542
> 7mill street Strong, Maine
> 04983 (KE1LA)
>
> Joel M Denison
> po box 542
> 7mill street
> Strong, Maine
> 04983

Date: Sat, 18 Oct 2003 06:17:03 -0700
From: "john_k7fd" <john_k7fd@cablespeed.com>
To: <jsielke@pobox.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159569] Re: What Happened?
Message-ID: <003a01c3957a\$1ef690d0\$3801a8c0@codeking>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Also very quiet in Oregon this morning...

73 John K7FD

----- Original Message -----

From: "John Sielke" <jsielke@pobox.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, October 18, 2003 5:54 AM
Subject: Re: What Happened?

> Never mind....
>
> Another serious senior momenet. Bands are not too hot...but not as bad
> as I thought.
>

> I'll go take my Ginkoba, and get back to the contest.
>
> John W2AGN
>
>

Date: Sat, 18 Oct 2003 08:18:50 -0500
From: <jeff@ke9v.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159570] Re: November, 2003, QST review of Icom IC-703 Plus...
Message-ID: <001c01c3957a\$5f4964a0\$9800a8c0@ke9v>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The exceptionally crummy QSK of both the 703 and the 817 tells me that the big manufacturers (Icom, Yaesu) still haven't got the "QRP thing".

Dave Benson mastered QSK in a \$40 kit. TenTec has beautiful QSK in their \$100 kits. Oak Hills Research did it with a \$100 kit. Elecraft has done it in all their equipment.

But the BIG boys,,,, they just can't seem to figure it out.

72 de Jeff, Ke9v

----- Original Message -----
From: <bill@n4qa.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, October 18, 2003 5:49 AM
Subject: November, 2003, QST review of Icom IC-703 Plus...

<SNIP>

However, I must take issue with statements made which attempted to persuade readers to believe that any current flavor of IC-703 has anything even in the same league with Ten-Tec's 'legendary QSK' characteristics.

<SNIP>

The '703's QSK is not even as good as that of my Kenwood TS-440S from 1986.

And, it falls waaaaaay behind that of my Ten-Tec Century/21 from 1980!

Yes, I know the C/21 had issues of its own :)

Date: Sat, 18 Oct 2003 06:23:41 -0700
From: "Paul Beringer" <fistsc2c@yahoo.com>
To: "CQ contest list" <cq-contest@contesting.com>,
"Qrp-L reflector" <qrp-l@Lehigh.EDU>,
Cc: <hrg@cifnet.com>
Subject: [159571] Fists Coast to Coast contest and wrap up
Message-ID: <000901c3957b\$0c24a4f0\$0400000a@ng7z>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I inadvertently left out the Robert F. Heytow Memorial Radio Club Station - K9YA operated by Mike N9BOR. Here is an updated club score listing. My apologies to Mike as he is a huge supporter of FISTS and the C2C. If I have left anyone else out, please get ahold of me right away. I was solely responsible for gathering scores, assembling the database, recovering from a spinal fusion, getting our condo ready for sale and looking for a new place to call home in a ham friendly neighborhood.

Club scores

Call	Fists#	Score
W4FCR	7007	2378
K5FFF	9750	1950
W4MVZ	7600	1209
W2Z0J	7900	1140
W4FFF	9700	1131
K7FFF	4400	1044
AC9BP	10050	1024
W8EOC	10250	1020
K9YA	9500	992
VA7TRS	9400	986
WS9CAN	9550	960
W9FFF	6900	850
W8NCK	8200	837

K8EY	3400	754	
W4GGM		5700	725
KD5ZBF	10375		675
W2LZ	9100	546	
W4UOT		10300	484
K5TCC		7400	400
W6RO	9350	400	
W4HFH		2963	352
KC7EQW	8675	320	
W7PXL		8800	300
KC8VC		10150	272
NJ2BB		9262	261
W2MO	8250	172	
W4GAC		7875	144
W7TU	9475	143	
W1AW	10200		100
W3GR	9275	72	
NK3ST		6600	36
VK4RC		9066	16
GX0IPX	1	9	

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.525 / Virus Database: 322 - Release Date: 10/9/2003

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.525 / Virus Database: 322 - Release Date: 10/9/2003

Date: Sat, 18 Oct 2003 13:48:37 +0000

From: "lourette@frontiernet.net" <lourette@frontiernet.net>

To: qrp-1@Lehigh.EDU

Subject: [159572] camCorder battery adapter as seen in HOMEBREWER#1

Message-ID: <1066484917.2cdt85044ol@webmail.frontiernet.net>

MIME-Version: 1.0

Content-Type: text/plain; charset="ISO-8859-1"

Content-Disposition: inline

Content-Transfer-Encoding: 7bit

Does anyone know where to get the battery adapter for the large VHS camcorder batteries? There was one shown in the article on page 52 of the AMQRP mag issue #1. I have a bunch of those batteries that I would like to use with my QRP rigs.

Thanks.

Rich

--
Richard Lourette
AB2MD @ arrl.net

Date: Sat, 18 Oct 2003 10:00:58 -0400
From: "Bob Schreibmaier" <k3ph@ptd.net>
To: <qrp-l@lehigh.edu>
Subject: [159573] Re: rtty *down to* lower 25
Message-ID: <002901c39580\$41da8ba0\$6400a8c0@k3ph>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

```
>My original post didn't say what band I was on; I was talking specifically
>about 40 meters, i.e., 7.025 and up...
>
>Try operating on 40m cw tonight...during the QRP ARCI test...let me know
how
>it goes... :)
```

Unfortunately, QRP ARCI is on the same weekend as the JARTS WW RTTY contest. For what it's worth, the RTTY segment in Japan is 7025 to 7040. 8^{\wedge}

Maybe in a few years, when there is a 200 kHz allocation worldwide, this will be less of a problem (he said, ever the optimist).

72/73,

+-----+
| Bob Schreibmaier K3PH | E-mail: k3ph@ptd.net |
| Kresgeville, PA 18333 | http://www.dxis.org |
+-----+

Date: Sat, 18 Oct 2003 09:14:11 -0500
From: "sjolin" <sjolin@swbell.net>
To: <john_k7fd@cablespeed.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159574] Re: rtty *down to* lower 25
Message-ID: <0b5701c39582\$1b88c0a0\$78d1fea9@DaveSjolin>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Those in Europe are only allowed operation between 7.000 and 7.100. For most, the space about 7.050 is SSB only. Cw takes the bottom end and RTTY falls in between. During major contests, RTTY is obviously going to extend downward and perhaps reach 7.025.

Thats akin to what happens in a major CW contest such as CQWW DX or Sweepstakes, etc where cw extends from 7.000 to almost 7.100 for the entire weekend.

73 de Dave, N0IT

----- Original Message -----
From: "john_k7fd" <john_k7fd@cablespeed.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, October 18, 2003 8:16 AM
Subject: Re: rtty *down to* lower 25

> Joel,
>
> My original post didn't say what band I was on; I was talking specifically
> about 40 meters, i.e., 7.025 and up...
>
> Try operating on 40m cw tonight...during the QRP ARCI test...let me know
how
> it goes... :)
>

> 73 John K7FD
>
> ----- Original Message -----
> From: "Joel M Denison" <hamjoel@juno.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Saturday, October 18, 2003 12:51 AM
> Subject: rtty in lower 25
>
>
> > where's the problem?... should be good dx country...they should
be
> > extras so the stations should be operated properly.... good ops, good
> > operation... A section of the band that's quiet most of the time...
> > where's the problem? it makes a bit of room for the rest of us...
> > Joel M Denison po box 542
> > 7mill street Strong, Maine
> > 04983 (KE1LA)
> >
> > Joel M Denison
> > po box 542
> > 7mill street
> > Strong, Maine
> > 04983
>
>

Date: Sat, 18 Oct 2003 07:16:55 -0700
From: "john_k7fd" <john_k7fd@cablespeed.com>
To: <k3ph@ptd.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159575] Re: rtty *down to* lower 25
Message-ID: <007f01c39582\$7c0056f0\$3801a8c0@codeking>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

aha...that explains it...no wonder they're booming in on the west coast...

John K7FD

K3PH said:

> Unfortunately, QRP ARCI is on the same weekend as the JARTS WW RTTY

contest.

> For what it's worth, the RTTY segment in Japan is 7025 to 7040. 8^{\

Date: Sat, 18 Oct 2003 09:18:24 -0500

From: "sjolin" <sjolin@swbell.net>

To: <jeff@ke9v.com>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [159576] Re: November, 2003, QST review of Icom IC-703 Plus...

Message-ID: <0b5d01c39582\$b19bca10\$78d1fea9@DaveSjolin>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Could it be because a high percentage of those who buy commercial gear are not interested in and do not use QSK? I think they are nuts but I saw data somewhere once that indicated that relatively few ops like or use qsk.

73 de Dave, N0IT

----- Original Message -----

From: <jeff@ke9v.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, October 18, 2003 8:18 AM

Subject: Re: November, 2003, QST review of Icom IC-703 Plus...

> The exceptionally crummy QSK of both the 703 and the 817 tells me that
> the big manufacturers (Icom, Yaesu) still haven't got the "QRP thing".

>

> Dave Benson mastered QSK in a \$40 kit. TenTec has beautiful QSK in
> their \$100 kits. Oak Hills Research did it with a \$100 kit. Elecraft
> has done it in all their equipment.

>

> But the BIG boys,,, they just can't seem to figure it out.

>

> 72 de Jeff, Ke9v

Date: Sat, 18 Oct 2003 10:16:42 -0400

From: "Howard Kraus" <K2UD@adelphia.net>

To: <lourette@frontiernet.net>
Cc: <qrp-l@Lehigh.EDU>
Subject: [159577] Re: camCorder battery adapter as seen in HOMEBREWER/#1
Message-ID: <000901c39582\$744b87e0\$9f131443@kntnny.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Digi-Key shows this on-line as P260-ND, but they do not show any in stock.
\$4.73 each. It has a 2.1mm plug at the other end.

If you order any, let me know. I'd like to get a few also.

72

Howard Kraus, K2UD
----- Original Message -----
From: <lourette@frontiernet.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, October 18, 2003 9:48 AM
Subject: camCorder battery adapter as seen in HOMEBREWER/#1

> Does anyone know where to get the battery adapter for the large VHS
> camcorder batteries? There was one shown in the article on page 52 of
> the AMQRP mag issue #1. I have a bunch of those batteries that I would
> like to use with my QRP rigs.

>

>

>

> Thanks.

>

>

>

> Rich

>

>

>

> --

> Richard Lourette

> AB2MD @ arrl.net

>

>

>

>

>

>

>

>

>

>

>

>

Date: Sat, 18 Oct 2003 10:19:09 -0400
From: <bill@n4qa.com>
To: <qrp-1@Lehigh.EDU>
Subject: [159578] Re: What Happened?
Message-ID: <000b01c39582\$cd0bde20\$d925ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

So, it's true then, John?
The dummy(Bill) load is not such a hot antenna after all?
hee hee hee

73.
Bill, N4QA
<http://www.n4qa.com>

Date: Sat, 18 Oct 2003 10:31:53 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [159579] Re: More on Restoring Receiver.
Message-ID: <6.0.0.22.2.20031018102548.02a6f2c8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Talk about screw-tightening... way back when I worked at Tektronix, the 7400 series 500 MHz mainframe had a few circuits where they were peaked by two bare 1/4 inch wires soldered together in an upside down V shape. One came in that had all of those trimmed off the circuit board-it was almost new and under warranty... I THINK we just ate the cost of replacing it and sending the unit back to the factory-but I'm not sure (about who paid). I saw some Scientific Atlanta set-top-converters (cable) tuned the same way. They never were able to ramp up production sufficiently here to be profitable. Turned it over to the Taiwanese, and voila: worked like a champ and produced in droves.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Sat, 18 Oct 2003 10:51:03 -0400
From: <bill@n4qa.com>
To: <qrp-1@Lehigh.EDU>
Subject: [159580] The perfect QRP day...
Message-ID: <001301c39587\$41f7fa80\$d925ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Man! It is GEORGEOUS outside!
Blue skies...a few puffy clouds...light, cool breeze...just me and my Dawg,
Elllie Belle(aka E.B., Bee-dawg, miss liver & white etc).
I promised Ellie that I would stay home today and that we would play
outside...mama is visitin' with her sister...
So, I gotta grab my poorman's not-wireless pc...(Thinkpad with loooong
telephone cord for plugging into the telcom's network interface on the east
side of the house), rig, battery, log, something to block daylight from pc
screen etc etc and get back out there.
Me and martha will go out for dinner tomorrow...
See ya out there, gang!

73.

Bill, N4QA
<http://www.n4qa.com>

Date: Sat, 18 Oct 2003 10:54:59 -0400 (EDT)
From: "Paul, VE1DY" <ve1dy@myway.com>
To: john_k7fd@cablespeed.com, qrp-1@Lehigh.EDU
Subject: [159581] RE: RTTY down to lower 25KHz?
Message-ID: <20031018145459.E3CE9396F@xmXPita.myway.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Yep... thank goodness for 30 when there's a contest on!

--- On Fri 10/17, john_k7fd <john_k7fd@cablespeed.com> wrote:
Subject: RTTY down to lower 25KHz?

Maybe I've been asleep but it seems as of late, the RTTY contesters are spreading out all the way down to the extra portion of the cw bands now...? Sure wipes cw qrp out...guess I'm off to 30 meters!

73 John K7FD

No banners. No pop-ups. No kidding.
Introducing My Way - <http://www.myway.com>

Date: Sat, 18 Oct 2003 11:00:40 -0400
From: "n3drk" <n3drk@triad.rr.com>
To: <bobw4zy@comcast.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159582] Re: It looks like BPL is being offered in Manassas, VA
Message-ID: <011701c39588\$98b20400\$6400a8c0@n3drk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for that article. I think it is time for the League to file a Class

Action Lawsuit. This stuff will be in operation by the end of January.
john

----- Original Message -----

From: "Bob Scott" <bobw4zy@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, October 18, 2003 9:09 AM
Subject: It looks like BPL is being offered in Manassas, VA

> >From the article, it appears that they are ready to start selling the
> service. I guess I do not understand why they can deploy a system not
> approved by the FCC or have I missed something?
>
> This link will get you the story.
>
>
[http://www.potomacnews.com/servlet/Satellite?
pagename=WPN%2FMGArticle%2FWPN_BasicArticle&c=MGArticle&cid=1031771619197&path=!
frontpage](http://www.potomacnews.com/servlet/Satellite?pagename=WPN%2FMGArticle%2FWPN_BasicArticle&c=MGArticle&cid=1031771619197&path=!frontpage)
>
> If that does not work, you can go to www.potomacnews.com .
>
> 73,
>
> Bob
> W4ZY
>
>

Date: Sat, 18 Oct 2003 09:21:10 -0600
From: "Bruce Kizerian" <kizerian@xmission.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [159583] Inexpensive soldering iron recommendation
Message-ID: <004b01c3958b\$76417560\$f91046a6@98seoem>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey guys

I am looking for an inexpensive soldering iron that I can recommend to kit
builders that is hot enough to solder to copper clad PCB material--like when
you need to solder to the ground plane of your Manhattan style project and a

20 Watt iron is just not hot enough.

Can anyone recommend something? I don't want folks building stuff to have to spend \$100 or so in order to learn how to use the Manhattan style of construction.

Thanks

Bruce kk7zz
www.elmerdude.com

Date: Sat, 18 Oct 2003 09:21:12 -0600
From: "NORM KLIEMAN" <k9nk@msn.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [159584] FOR SALE - MFJ-941E TUNER
Message-ID: <BAY5-DAV37CKM1bRbt10002b2f5@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE - MINT MFJ-941E TUNER - You can run up two coax antennas, open wire, random wire, and a dummy load. Build in SWR meter. Works great with my FT-817.

\$65 and will include free shipping and insurance for lower 48 states.

Reply to: k9nk@msn.com

73's --- Norm K9NK

Date: Sat, 18 Oct 2003 10:41:26 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159585] Re: November, 2003, QST review of Icom IC-703 Plus...
Message-ID: <200310181041.26371.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

During the FDIM this year, Icom came by and demoed their new 703 for us. Also at the same table (outside the lecture room on Thursday afternoon) was little ol' me with a beta version of the DSW-II from Dave.

Anyways, the fella from Icom was also a QRPer. He was VERY impressed with the qsk on the DSW-2. Hi HI.

72s;

Bob
w9ya

On Saturday 18 October 2003 08:18 am, jeff@ke9v.com wrote:

> The exceptionally crummy QSK of both the 703 and the 817 tells me that
> the big manufacturers (Icom, Yaesu) still haven't got the "QRP thing".
>

> Dave Benson mastered QSK in a \$40 kit. TenTec has beautiful QSK in
> their \$100 kits. Oak Hills Research did it with a \$100 kit. Elecraft
> has done it in all their equipment.
>

> But the BIG boys,,,,, they just can't seem to figure it out.
>

> 72 de Jeff, Ke9v
>

> ----- Original Message -----

> From: <bill@n4qa.com>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Saturday, October 18, 2003 5:49 AM

> Subject: November, 2003, QST review of Icom IC-703 Plus...

> <SNIP>
>

> However, I must take issue with statements made which attempted to
> persuade
> readers to believe that any current flavor of IC-703 has anything even
> in
> the same league with Ten-Tec's 'legendary QSK' characteristics.
>

> <SNIP>
>

> The '703's QSK is not even as good as that of my Kenwood TS-440S from
> 1986.

> And, it falls waaaaaay behind that of my Ten-Tec Century/21 from 1980!

> Yes, I know the C/21 had issues of its own :)

Date: Sat, 18 Oct 2003 11:48:00 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [159586] Re: More on Restoring Receiver.
Message-ID: <3F9160B0.6090508@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

20+ years ago, I picked up an old classic, an RCA CR-88. The only tweaking I've done to date is to set one of the band oscillators back on freq.

Al, K2ZN

Date: Sat, 18 Oct 2003 11:51:31 -0400
From: "n3drk" <n3drk@triad.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, <w1rfi@arrl.org>, "drake" <drake@mailman.qth.net>,
Subject: [159587] Fw: It looks like BPL is being offered in Manassas, VA
Message-ID: <012b01c3958f\$b43d3d00\$6400a8c0@n3drk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for that article. I think it is time for the American Radio Relay League to file a Class Action Lawsuit on the City of Manassas, VA on behalf of the Amateur Radio Operators in and around Manassas, VA . And file a Class Action Lawsuit on the FCC. The ARRL's Ed Hare has done a remarkable job of providing all the ammunition the FCC needed to shut down this spectrum noise pollution but it has fallen on deaf ears. So ARRL is this the next step? Or shall we wait for further cities to incorporate this wonderful medium?

john

> ----- Original Message -----
> From: "Bob Scott" <bobw4zy@comcast.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Saturday, October 18, 2003 9:09 AM
> Subject: It looks like BPL is being offered in Manassas, VA
>
>
> > >From the article, it appears that they are ready to start selling the
> > service. I guess I do not understand why they can deploy a system not
> > approved by the FCC or have I missed something?
> >
> > This link will get you the story.
> >
> >
>
[http://www.potomacnews.com/servlet/Satellite?
pagename=WPN%2FMGArticle%2FWPN_BasicArticle&c=MGArticle&cid=1031771619197&path=!
frontpage](http://www.potomacnews.com/servlet/Satellite?pagename=WPN%2FMGArticle%2FWPN_BasicArticle&c=MGArticle&cid=1031771619197&path=!frontpage)
> >
> > If that does not work, you can go to www.potomacnews.com .
> >
> > 73,
> >
> > Bob
> > W4ZY
> >
> >
>

Date: Sat, 18 Oct 2003 11:54:59 -0400
From: "Joseph Trombino Jr" <w2kj@bellsouth.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [159588] Re: F.S. DSWII-20
Message-ID: <004e01c39590\$2f6b5b60\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

Will try one more time with this rig.

I have for sale a just-built, like new, full output DSWII-20.

This is a really neat little rig, is perfect electronically and physically and works like a charm. Comes with manual.

Will ship and insure in in CONUS for \$160.

73, Joe W2KJ
North Carolina
I QRP, therefore I am

Date: Sat, 18 Oct 2003 17:32:52 +0100
From: Chuck Adams <k7qo@commspeed.net>
To: kizerian@xmission.com,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159589] Re: Inexpensive soldering iron recommendation
Message-ID: <5.2.1.1.0.20031018173036.01da9e68@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:21 AM 10/18/2003 -0600, Bruce Kizerian wrote:

>Hey guys

>

>I am looking for an inexpensive soldering iron that I can recommend to kit
>builders that is hot enough to solder to copper clad PCB material--like when
>you need to solder to the ground plane of your Manhattan style project and a
>20 Watt iron is just not hot enough.

>

>Can anyone recommend something? I don't want folks building stuff to have to
>spend \$100 or so in order to learn how to use the Manhattan style of
>construction.

>

>Thanks

>

>Bruce kk7zz

I use a Weller SP-23 that I bought at Home Depot and it works fine for me.
See my articles on the web page below for examples.

The secret may be in the solder that you are using. The lower melting point of
62/36/02 solder that I use helps. Kester 24-7150-800 0.031 diam is what I use.

FYI

Chuck Adams K7QO k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Moving to Arizona? Please bring your own water.

Date: Sat, 18 Oct 2003 12:40:31 -0400
From: "Joseph Trombino Jr" <w2kj@bellsouth.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [159590] today's contest
Message-ID: <006f01c39596\$8baf7a0\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

15 meters is wide open here (NC) but no QRP sigs on 21.060....have called CQ but no takers. Give the band a try...it is hot today.

73, Joe W2KJ

Date: Sat, 18 Oct 2003 12:06:37 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159591] Re: It looks like BPL is being offered in Manassas, VA
Message-ID: <200310181206.37116.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Ya know my Machiavellian half might well believe this is designed to show the FCC that there is pent up interest in this service with the intent of creating a public "outcry" should it then be deemed to be illegal.

Or am I reading too much into this, and the FCC has allowed this to take place either as part of the original "testing" or since then ?

Bob
w9ya

On Saturday 18 October 2003 10:00 am, n3drk wrote:

> Thanks for that article. I think it is time for the League to file a Class
> Action Lawsuit. This stuff will be in operation by the end of January.

> john

>

> ----- Original Message -----

> From: "Bob Scott" <bobw4zy@comcast.net>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Saturday, October 18, 2003 9:09 AM

> Subject: It looks like BPL is being offered in Manassas, VA

>

> > > From the article, it appears that they are ready to start selling the

> >

> > service. I guess I do not understand why they can deploy a system not

> > approved by the FCC or have I missed something?

> >

> > This link will get you the story.

>

> [http://www.potomacnews.com/servlet/Satellite?pagename=WP%2F%2FMGArticle%2FWPN](http://www.potomacnews.com/servlet/Satellite?pagename=WP%2F%2FMGArticle%2FWPN_BasicArticle&c=MGArticle&cid=1031771619197&path=!frontpage)
> _BasicArticle&c=MGArticle&cid=1031771619197&path=!frontpage

>

> > If that does not work, you can go to www.potomacnews.com .

> >

> > 73,

> >

> > Bob

> > W4ZY

Date: Sat, 18 Oct 2003 12:03:25 -0500

From: "Ron Kolarik" <rkolarik@neb.rr.com>

To: <qrp-1@Lehigh.EDU>

Subject: [159592] FS

Message-ID: <012f01c39599\$cf2be080\$6501a8c0@neb.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Timewave DSP-9, no manual or cables \$50 + shipping

Vibroplex triangular Brass Racer \$90 + shipping

TT Century 22 with matching 979 ps, calibrator and manual.....\$300 shipped
lower 48.

Thanks
Ron K0IDT

Date: Sat, 18 Oct 2003 18:57:53 +0200
From: Ingo Meyer DK3RED <dk3red@t-online.de>
To: qrp-l@lehigh.edu
Subject: [159593] WM-20
Message-ID: <5.2.1.1.1.20031018184519.009fb510@pop.btx.dtag.de>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello QRPers,

A friend of me saw my WM-20 (White Mountain 20 from Small Wonder Labs) in my shack. He ask me if he could buy it from me, because it stand dusty and sorrowful in the corner. I said yes, but I don't know the price and the rig is out of the production. Can somebody point me in the right price level? Please contact off-list. Thanks.

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de <http://www.t-online.de/~dk3red>
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>
QRP ARCI #11295 <http://www.qrparci.org>

Date: Sat, 18 Oct 2003 19:07:14 +0200
From: "Sverre Holm" <la3za@qsl.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [159594] RE: November, 2003, QST review of Icom IC-703 Plus...
Message-ID: <000f01c3959a\$475d60b0\$8e00a8c0@Master>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Isn't a relay QSK something that follows from the desire to have both HF and VHF in a rig? I base this question from the observation that even the Elecraft 50 and 144 MHz transverters use relays in order not to have losses and degrade noise factor in the front end.

Sverre
LA3ZA

> The exceptionally crummy QSK of both the 703 and the 817
> tells me that the big manufacturers (Icom, Yaesu) still
> haven't got the "QRP thing".
>
> Dave Benson mastered QSK in a \$40 kit. TenTec has beautiful
> QSK in their \$100 kits. Oak Hills Research did it with a \$100
> kit. Elecraft has done it in all their equipment.
>
> But the BIG boys,,,,, they just can't seem to figure it out.

Date: Sat, 18 Oct 2003 13:03:23 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: sjolin@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [159595] Re: November, 2003, QST review of Icom IC-703 Plus...
Message-ID: <3F91725B.93F63D7D@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I for one don't like or use QSK. I can't see the need for instant response unless I'm in a traffic net. Like automatic antenna tuners, it seems simpler, and safer, to just flip a switch!

73

Date: Sat, 18 Oct 2003 10:08:23 -0700 (PDT)
From: Dennis Doran <wb8wtu@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [159596] Re: November, 2003, QST review of Icom IC-703 Plus...
Message-ID: <20031018170823.33144.qmail@web40110.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Oh.....I don't know. Kenwood seems to have done a pretty good job with QSK over the past few years. Even

the lowly TS-50S, basically a SSB mobile rig, has excellent QSK - quiet and no pops. TS-570S and TS-2K are the same. They seem to have gotten it right from the 450/850 era on.

No defense of Kenwood, but they always seem to get lumped with the other two when QSK is discussed. There really is no comparision - check it out.

73,
dennis
WB8WTU

Do you Yahoo!?
The New Yahoo! Shopping - with improved product search
<http://shopping.yahoo.com>

Date: Sat, 18 Oct 2003 13:10:07 -0400
From: "Nathan" <kf9li@arrl.net>
To: <qrp-l@Lehigh.EDU>
Subject: [159597] homebrew paddles
Message-ID: <000e01c3959a\$ae395140\$e3bc1b41@gordon>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all,

Anybody have plans for some simple homebrew paddles? I plan on using them portable with my newly built rockmite.

Thanks,
Nathan

Date: Sat, 18 Oct 2003 13:11:50 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: jeff@ke9v.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [159598] Re: November, 2003, QST review of Icom IC-703 Plus...
Message-ID: <3F917456.F359D009@erols.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jeff,

What has Icom or Yaesu ever done to you? Really, "THEY CAN'T FIGURE IT OUT"? I heartily disagree. They can figure it out, they can easily do it; they just don't see it as a necessary addition

73n.

Date: Sat, 18 Oct 2003 13:15:05 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: k2zn@rochester.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [159599] Re: November, 2003, QST review of Icom IC-703 Plus...
Message-ID: <3F917519.2AB27805@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

They want to use proven reliable circuit designs. Also, there is the matter that most of their rigs are QRO.

73

> PIN diodes are cheaper and have a higher MTBF than relays, so they can't
> use that excuse :-)
>

Date: Sat, 18 Oct 2003 12:37:48 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159600] Re: November, 2003, QST review of Icom IC-703 Plus...
Message-ID: <200310181237.48362.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Saturday 18 October 2003 12:07 pm, Sverre Holm wrote:

> Isn't a relay QSK something that follows from the desire to have both HF
> and VHF in a rig? I base this question from the observation that even
> the Elecraft 50 and 144 MHz transverters use relays in order not to have
> losses and degrade noise factor in the front end.
>

No, actually that is a good reason to want one.....BUT even for basic operation some people prefer to have instant switching. It is very useful in certain circumstances as well. Bruce mentioned net operations, and it shines there. I like it myself, and want it whenever possible.

Best regards;

Bob
w9ya

>
> Sverre
> LA3ZA
>
> > The exceptionally crummy QSK of both the 703 and the 817
> > tells me that the big manufacturers (Icom, Yaesu) still
> > haven't got the "QRP thing".
> >
> > Dave Benson mastered QSK in a \$40 kit. TenTec has beautiful
> > QSK in their \$100 kits. Oak Hills Research did it with a \$100
> > kit. Elecraft has done it in all their equipment.
> >
> > But the BIG boys,,,,, they just can't seem to figure it out.

Date: Sat, 18 Oct 2003 13:31:10 -0400
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [159601] Re: today's contest
Message-ID: <3F9178DE.7E880E87@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

15 seems open here, also, but called a lot of CQs and only worked N4BP!

John W2AGN

Date: Sat, 18 Oct 2003 12:41:47 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159602] Re: November, 2003, QST review of Icom IC-703 Plus...
Message-ID: <200310181241.47658.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Saturday 18 October 2003 12:11 pm, Bruce Muscolino wrote:

> Jeff,
>
> What has Icom or Yaesu ever done to you? Really, "THEY CAN'T FIGURE IT
> OUT"? I heartily disagree. They can figure it out, they can easily do
> it; they just don't see it as a necessary addition
>
> 73n.

Actually some of the designs they come up with *are* much harder to add workable qsk to. But I DO agree with you Bruce, if the rice box manufacturers wanted to have qsk as a basic option they could. Some of their high priced models in the recent past have done full break-in acceptably. 20-30 years ago, most all of the radios had it regardless of where they were made.

Best regards;

Bob
w9ya

Date: Sat, 18 Oct 2003 12:08:30 -0600 (MDT)
From: Karl Larsen <k5di@zianet.com>
To: jeff@ke9v.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [159603] Re: November, 2003, QST review of Icom IC-703 Plus...
Message-ID: <Pine.LNX.4.44.0310181159430.4686-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 18 Oct 2003 jeff@ke9v.com wrote:

> The exceptionally crummy QSK of both the 703 and the 817 tells me that

> the big manufacturers (Icom, Yaesu) still haven't got the "QRP thing".

Disagree. They simply are expressing properly that CW is not why people buy a radio. Those of us who Love their 817 and use it as a Fox in our QRP Fox Hunts know the radios receiver problems and run them without any AGC, with a 10 DB pad and crank down the rf gain and run the af gain high. The reason I have trouble sorting out the Hounds is because they are 5 deep over a 1 KHz band.,,:-)

Be glad they have the large menu allowing you to still set things up for CW. The next versions may not even have a CW mode.

>
> Dave Benson mastered QSK in a \$40 kit. TenTec has beautiful QSK in
> their \$100 kits. Oak Hills Research did it with a \$100 kit. Elecraft
> has done it in all their equipment.
>
> But the BIG boys,,,,, they just can't seem to figure it out.
>
> 72 de Jeff, Ke9v
>
--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 18 Oct 2003 14:03:31 -0400
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: "Nathan" <kf9li@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [159604] Re: homebrew paddles
Message-ID: <002301c395a2\$24971eb0\$cb56590c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<http://home.wanadoo.nl/cmulder/frames.htm>

----- Original Message -----
From: "Nathan" <kf9li@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, October 18, 2003 1:10 PM

Subject: homebrew paddles

> Hi all,
>
> Anybody have plans for some simple homebrew paddles? I plan on using
them
> portable with my newly built rockmite.
>
> Thanks,
> Nathan
>
>

Date: Sat, 18 Oct 2003 13:34:34 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159605] Re: November, 2003, QST review of Icom IC-703 Plus...
Message-ID: <200310181334.34960.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Well I guess the tentecs aren't reliable then or of a proven design ?

NOT !!

Bob
w9ya

On Saturday 18 October 2003 12:15 pm, Bruce Muscolino wrote:
> They want to use proven reliable circuit designs. Also, there is the
> matter that most of their rigs are QRO.
>
> 73
>
> > PIN diodes are cheaper and have a higher MTBF than relays, so they can't
> > use that excuse :-)

Date: Sat, 18 Oct 2003 14:27:49 -0400
From: <bill@n4qa.com>
To: <qrp-l@Lehigh.EDU>
Subject: [159606] Tailgating the way it oughtta be...
Message-ID: <000b01c395a5\$8a431360\$4a25ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, here we sit, Ellie and me...I, in my director's chair and Ellie on a blanket, next to me.
We've lowered the tailgate on my trusty ride-to-work.
In front of us the IC-703, Bencher paddles, logbook w/pen, the talking clock which our daughter, Mandy gave us years ago, and the ThinkPad 600E,
The weather is perfect...can see the mountains for miles around us here near the New River in Pulaski County, Virginia.
The Hustler mobile whip is mounted on the bumper (left-rear of p/u), just three feet left of this station.
'Grounded' the rig to the right-side tailgate latch. No rf feedback on 40, at least.
Just worked Hargrave, KE4RUN in Coats, NC on 7040.4 .
Quite a number of sigs here.
Ahh, the good life...

73.
Bill, N4QA
<http://www.n4qa.com>

Date: Sat, 18 Oct 2003 14:39:25 -0400
From: "Ron Polityka" <wb3aal@verizon.net>
To: ".QRP-L" <qrp-l@Lehigh.EDU>
Subject: [159607] 15 Meters
Message-ID: <003001c395a7\$27ed0e30\$0200a8c0@WB3AAL>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

Give 15 meters a try.

Just worked PA to OR with 250 mW.

72 and Thanks,
Ron Polityka
WB3AAL
www.n3epa.org/

Date: Sat, 18 Oct 2003 11:40:46 -0700
From: "Lee Hopper" <leehopp@msn.com>
To: "Posting to the list QRP-L" <qrp-l@Lehigh.EDU>
Subject: [159608] Re: DAG NABBIT!!!!
Message-ID: <BAY4-DAV28I7VjotPi40000946e@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, Jan -

Hear you've been ill recently - here's wishes for a speedy recovery - and
thanks for your help & humor in past Zombie Shuffles.

73 -

Lee Hopper, NB7F

Date: Sat, 18 Oct 2003 14:45:09 -0400
From: "sslyon" <sslyon@megalink.net>
To: <w2kj@bellsouth.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [159609] Re: today's contest
Message-ID: <000501c395a7\$f5587d00\$34c7e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just got a rain reprieve, so will be getting on the air by 4:00
Eastern from my tent under the antennas. (still no good remote
switching scheme) I'll try 15m first. Hope the bands hold
up -see you there.

73
seab
aa1my

Date: Sat, 18 Oct 2003 14:48:46 -0400
From: "sslyon" <sslyon@megalink.net>
To: <kizerian@xmission.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [159610] Re: Inexpensive soldering iron recommendation
Message-ID: <000b01c395a8\$7643b920\$34c7e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I use the ANTEX model G w/assorted tips and love it. Got a lamp
dimmer in a box for temp. control -but almost never use it.
Gets plenty hot for all but large mass of copper. Got it by mail
from M. M. NEWMAN & CO. in Marblehead, MA.
good luck!

73

seab

aa1my

Subject: Inexpensive soldering iron recommendation

> Hey guys

>

> I am looking for an inexpensive soldering iron that I can
recommend to kit

> builders that is hot enough to solder to copper clad PCB
material--like when

> you need to solder to the ground plane of your Manhattan style
project and a

> 20 Watt iron is just not hot enough.

>

> Can anyone recommend something? I don't want folks building
stuff to have to

> spend \$100 or so in order to learn how to use the Manhattan
style of

> construction.

>

> Thanks

>

> Bruce kk7zz

> www.elmerdude.com

>

>

Date: Sat, 18 Oct 2003 15:04:53 -0400
From: "Ron Polityka" <wb3aal@verizon.net>
To: ".QRP-L" <qrp-l@Lehigh.EDU>
Subject: [159611] Fenway Park Morse Code Question
Message-ID: <00da01c395aa\$b6f47980\$0200a8c0@WB3AAL>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

During the play offs I see a few TV shots of the flag in Fenway Park. There was a billboard behind the flag with Morse code on it. Anyone know what it was for?

72 and Thanks,
Ron Polityka
WB3AAL
www.n3epa.org/

Date: Sat, 18 Oct 2003 14:13:44 -0500
From: <jeff@ke9v.com>
To: <k5di@zianet.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159612] Re: November, 2003, QST review of Icom IC-703 Plus...
Message-ID: <004101c395ab\$f3614410\$9800a8c0@ke9v>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I don't think I am going very far out on a limb here when I say that most QRPers use CW. If that's true then I'd say that most QRPers do consider CW features an important purchasing point when buying a radio.

73, Jeff

----- Original Message -----

From: "Karl Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, October 18, 2003 1:08 PM
Subject: Re: November, 2003, QST review of Icom IC-703 Plus...

Disagree. They simply are expressing properly that CW is not why people buy a radio.

Date: Sat, 18 Oct 2003 15:46:45 -0400
From: "Joseph Trombino Jr" <w2kj@bellsouth.net>
To: <wb8wtu@yahoo.com>
Cc: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [159613] Re: November, 2003, QST review of Icom IC-703 Plus...
Message-ID: <008601c395b0\$90184c00\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Dennis Doran" <wb8wtu@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, October 18, 2003 1:08 PM
Subject: Re: November, 2003, QST review of Icom IC-703 Plus...

> Oh.....I don't know. Kenwood seems to have done a
> pretty good job with QSK over the past few years. Even
> the lowly TS-50S, basically a SSB mobile rig, has
> excellent QSK - quiet and no pops. TS-570S and TS-2K
> are the same. They seem to have gotten it right from
> the 450/850 era on.
>
> No defense of Kenwood, but they always seem to get
> lumped with the other two when QSK is discussed. There
> really is no comparision - check it out.
>
> 73,
> dennis
> WB8WTU

I sure agree with Dennis. My back-up rig is a TS570SG (I bought it cuz it had 6M on it) and the QSK is excellent. I have owned a couple of K1's, a K2, and ARGO II, an ARGO V, an OMNI VI and an Orion. So I know good QSK and the Kenwood sure does have good QSK in the TS570SG series.

73, Joe W2KJ

Date: Sat, 18 Oct 2003 14:21:18 -0600 (MDT)
From: Karl Larsen <k5di@zianet.com>
To: jeff@ke9v.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [159614] Re: November, 2003, QST review of Icom IC-703 Plus...
Message-ID: <Pine.LNX.4.44.0310181418170.4686-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 18 Oct 2003 jeff@ke9v.com wrote:

> I don't think I am going very far out on a limb here when I say that
> most QRPers use CW. If that's true then I'd say that most QRPers do
> consider CW features an important purchasing point when buying a
> radio.

That is true. Alas the ham radio QRP group is a very small number of people. Yaesu is not going to equip the next 817 with a keyer and all those selectable functions. Then they can sell it for less.

>
> 73, Jeff
>
>
> ----- Original Message -----
> From: "Karl Larsen" <k5di@zianet.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Saturday, October 18, 2003 1:08 PM
> Subject: Re: November, 2003, QST review of Icom IC-703 Plus...
>
>
> Disagree. They simply are expressing properly that CW is not why
> people buy a radio.
>
>

>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 18 Oct 2003 21:06:54 +0000
From: "Bill Rowlett" <kc4atu@hotmail.com>
To: n3drk@triad.rr.com, qrp-1@Lehigh.EDU
Subject: [159615] Re: Fw: It looks like BPL is being offered in Manassas, VA
Message-ID: <Law15-F90SWVGsiJWuG00012b89@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Oh get real John,

Are you offering to pay for the case. I sure do not want my dues going there yet. In most class action suits, some large group has been harmed in one form or another. Who, where, what has been harmed. Nobody, yet.

At this time, there is a small group using it, and the area has a large Ham population. It is going to be fun to watch this play itself out. The rest of us in Northern Va. will be watching with great interest.

Who will be interfered with the most. Us by them, or them by us. If it is them, does the FCC stand behind us, or the Part 15 user. Many worms, and many cans which could be opened.

Yes, Ed showed the potential for interference. The Hams of the area need to now step up with the formal complaints and evidence of that interference. The FCC has a system in place to handle complaints and we must play the game, or we lose, big time.

73, Bill kc4atu

20 miles north of Manassas Virginia

>From: "n3drk" <n3drk@triad.rr.com>
>Reply-To: n3drk@triad.rr.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Never get a busy signal because you are always connected with high-speed Internet access. Click here to comparison-shop providers.
<https://broadband.msn.com>

Date: Sat, 18 Oct 2003 17:28:14 -0400
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: kizerian@xmission.com
Cc: qrp-1@lehigh.edu
Subject: [159616] Re: Inexpensive soldering iron recommendation
Message-ID: <5.2.0.9.1.20031018171815.0297fff8@pop.prodigy.yahoo.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:21 AM 10/18/2003 -0600, Bruce kk7zz wrote:

>Hey guys

>

>I am looking for an inexpensive soldering iron that I can recommend to kit
>builders that is hot enough to solder to copper clad PCB material--like when
>you need to solder to the ground plane of your Manhattan style project and a
>20 Watt iron is just not hot enough.

I'd recommend the Xytronic model 258 phased controlled iron that's available for under \$15 dollars, and works really well. I know, I have one and have used it extensively.

Circuit Specialists is one of many sources.....

URL for the basic iron:

<http://www.circuitspecialists.com/prod.itml/ic0id/7484>

URL for the 1/8 inch tip, highly recommended for soldering to Manhattan substrates:

<http://www.circuitspecialists.com/prod.itml/ic0id/2500>

URL for the 3/16 inch tip, also recommended for even heavier soldering, like building cases, etc.:

<http://www.circuitspecialists.com/prod.itml/ic0id/7503>

If I remember correctly, the iron comes with a 1/16 inch chisel tip, fine for smaller work.

72 and GL Bruce,

Jim, K8IQY

End of QRP-L Digest 3077
